

PATENT CLAIMS:

1 – 8 (canceled)

9. (new) A turbine component, comprising:
a hollow aerofoil;
a chordwise extending rib arranged on the interior surface of the hollow aerofoil;
a first impingement tube portion; and
a second impingement tube portion,
wherein,
the first impingement tube portion and the second impingement tube portion
extend spanwise through the aerofoil and have confronting ends near the rib.

10. (new) The turbine component according to Claim 9, wherein the turbine
component is a blade or vane.

11. (new) The turbine component according to Claim 9, wherein a plurality of
chordwise extending ribs are arranged near the interior surface of the hollow aerofoil and
are provided in addition to the rib that locates the confronting ends of the first and
second impingement tube portions.

12. (new) The turbine component according to Claim 9, wherein the rib that
locates the confronting ends of the first and second impingement tube portions is
discontinuous.

13. (new) The turbine component according to Claim 9, wherein the rib has a
chevron-shaped cross-section thereby to engage the confronting ends of the first and
second impingement tube portions.

14. (new) The turbine component according to Claim 13, wherein the confronting ends of the impingement tube portions are bevelled in a complementary way to the chevron-shaped rib.

15. (new) The turbine component according to Claim 9, wherein the rib has a lip-shaped cross-section thereby to engage the confronting ends of the first and second impingement tube portions.

16. (new) The turbine component according to Claim 9, wherein at least one of the confronting ends of the first and second impingement tube portions has an end wall there-across.

17. (new) The turbine component according to Claim 16, wherein apertures are provided in or adjacent to the or each end wall allowing cooling air to exit the sections and impinge on the inner surface of the blade or vane near the mid-height region thereof.